



Preliminary Information

PIP5418A Rattle Noise From Engine Area While Driving

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Buick	Encore	2016 - 2017	All	All	1.4 RPO LE2	All
Chevrolet	Cruze	2016 - 2017	All	All	1.4 RPO LE2	All
Chevrolet	Malibu	2016 - 2017	All	All	1.5 RPO LFV	All
Involved Region or Country:		North America				
Additional RPO/s:		NA				
Condition:		Rattle noise from turbocharger off idle				
Cause:		Rattle noise coming from the turbocharger wastegate actuator rod				

Correction:

Verify proper torque on turbocharger mounting bolts.

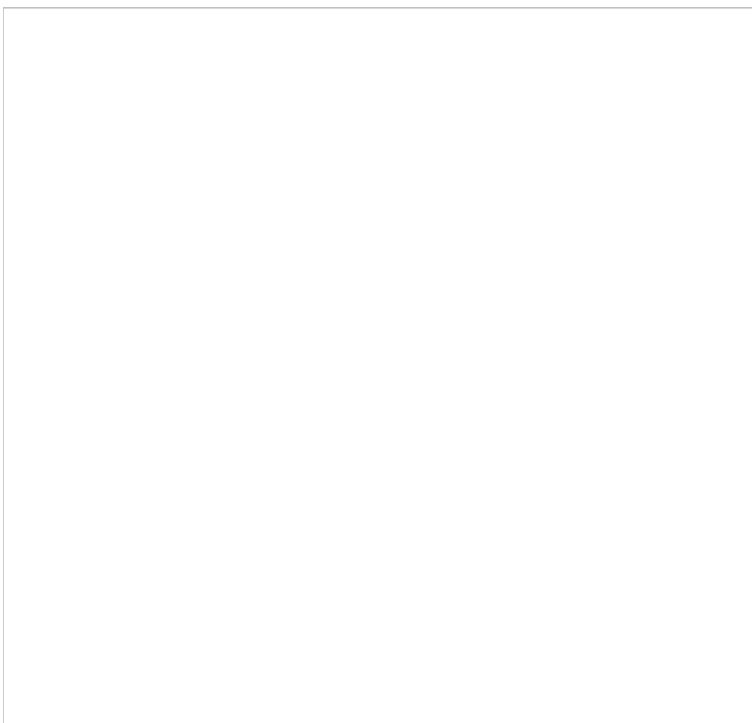
Isolate noise to turbocharger wastegate actuator rod.

Service Procedure:

Warning: Avoid contact with HOT components. Wear safety glasses and protective gloves to avoid personal injury.

To validate proper torque on the turbocharger retaining bolts use the latest SI service procedures for torque values.

To isolate the noise to the turbocharger wastegate actuator rod apply a small amount of pressure to the wastegate rod using a suitable tool while the condition is present.



If bolt torque is correct and the noise has been isolated to the turbocharger wastegate actuator rod, do not replace any components at this time as GM Powertrain is aware of this condition and reviewing options.

Note: When working on a 2016-2017 Malibu with the above condition please reference bulletin [17-NA-007](#) for further information.

Version History

Version	2
Modified	11/16/2017 Updated to include reference to bulletin 17-NA-007 for Malibu.

